

<4> BENZOFURAN-7-YLURACIL DERIVATIVES AND HERBICIDES

Patent number: WO9729105

Publication date: 1997-08-14

Inventor: MIYAZAKI MASAHIRO (JP); HANAI RYO (JP); UOTSU SOUTA (JP); DEGUCHI TAKESHI (JP); SADOHARA HIDEO (JP); TAKEHI TAKAYOSHI (JP); TAMARU MASATOSHI (JP); YAMAJI YOSHIHIRO (JP)

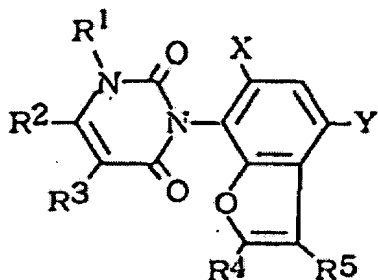
Applicant: IHARA CHEMICAL IND CO (JP); KUMIAI CHEMICAL INDUSTRY CO (JP); MIYAZAKI MASAHIRO (JP); HANAI RYO (JP); UOTSU SOUTA (JP); DEGUCHI TAKESHI (JP); SADOHARA HIDEO (JP); TAKEHI TAKAYOSHI (JP); TAMARU MASATOSHI (JP); YAMAJI YOSHIHIRO (JP)

Application number: WO1997JP00320 19970207

Priority number(s): JP19960048327 19960209

Abstract of WO9729105

Benzofuran-7-yluracil derivatives represented by general formula (1) and herbicides containing the same as the active ingredient (1), wherein X and Y represent each hydrogen, halogeno, etc.; R<1> represents hydrogen, alkyl, etc.; R<2> represents haloalkyl, etc.; R<3> represents hydrogen, halogeno, etc.; and R<4> and R<5> represent each independently hydrogen, alkyl, haloalkyl, halogeno, cyano, phenyl, benzyl, nitro, etc. These compounds exert excellent herbicidal effects on various upland weeds such as broadleaf weeds, grass weeds and perennial or annual cyperaceous weeds over a wide range of from the pre-sprouting period to the growing period. Also, perennial and annual lowland weeds can be controlled thereby. Moreover, the herbicides are highly safe for crops, in particular, rice, wheat, barley, grain sorghum, corn, soybean, cotton, beet, etc.



(1)